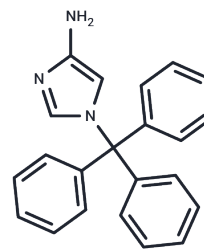


CDD3506

Chemical Properties

CAS No. : 197913-15-8
 Formula: C₂₂H₁₉N₃
 Molecular Weight: 325.41
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	CDD3506 (1-TRITYL-1H-IMIDAZOL-4-AMINE) increases high-density lipoprotein cholesterol by targeting hepatic CYP3A.
Targets(IC50)	Cytochromes P450

Solubility Information

Solubility	DMSO: 10 mg/mL (30.73 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.073 mL	15.3652 mL	30.7305 mL
5 mM	0.6146 mL	3.073 mL	6.1461 mL
10 mM	0.3073 mL	1.5365 mL	3.073 mL
50 mM	0.0615 mL	0.3073 mL	0.6146 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Method for increasing HDL cholesterol levels using heteroaromatic phenylmethanes. United States Patent 6103733

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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